

Zh Obshch Khim

Vol 7, pp 90-2, 1937.

On the structure of hypophosphorus acid. II. The
reaction of aromatic hydrazines with salts of
hypophosphorous acid, by V. M. Plots

AEC/BNL/Tr 123

NH5-63

done by Sci. Men. Lit,
D.B. - # 50/1117

Serebryakova, E. K. and Prost, A. V.
EQUILIBRIA OF HYDROCARBON REACTIONS. X.
THE EXPERIMENTAL STUDY OF EQUILIBRIUM BE-
TWEEN NORMAL BUTENE AND ISOBUTENE. [1962]
11p. (figs. omitted)
Available on loan from SLA

63-10407

Trans. of Zhurnal Khimicheskoi Khimii (USSR) 1937, v. 7,
[no. 1] p. 122-130.

DESCRIPTORS: *Hydrocarbons, (Chemical reactions,
*Chemical equilibrium, *Butenes, Molecular
isomerism, *Isomeric transitions, Catalysts,
Phosphoric acids.

The equilibrium constants between normal butenes and
isobutenes are given in the temperature interval of
265° to 426°C. The experimental data from the equilib-
rium constants are embraced by equations:
(Chemistry--Organic, IT, v. 9, no. 7)

(over)

63-10407

- I. Serebryakova, E. K.
- II. Prost, A. V.
- III. Title: Experimental...

Office of Technical Services

Chemistry of Titanium, VI. Scheme of Reaction and
Products of Chlorination of Materials Containing
Titanium, by A. V. Pamfilov, E. G. Shtandel,
7 pp.

RUSSIAN, Doc. Zhur p Obshch Khim, Vol VII, No 1,
1937, pp 258-261.

Sci Trans Center RL-871

Scientific - Chemistry
CTS/DEN

14, 0 42

Zh Obshch Khim Vol 7, pp 270-2, 1937

On the structure of hypophosphorous acid. III. The
reaction of aromatic diazo-compounds with phosphorus
trichloride and sodium di-isopropyl sodium phosphite,
V. M. Flats

AEC/BNL/Tr 129

Done by Per Min. Lib.
J.B. - " 50/1116

Structure of Hypophosphorous Acid. IV. Reaction
of Salts of Hypophosphorous Acid With Alkyl Halides,
by V. M. Elets, 9 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol VII, No 1,
1937, pp 273-276.

Sci Tr Ctr RT-3426

Scientific - Chemistry

34, 874

May 56 CTS/dex

Aromatization of Some Homologues of Cyclopentane
and Paraffins in Presence of Platinized Carbon, by
A. T. Plato, E. A. Karginy, 4 pp.

RUSSIAN, no per, Zhur Obsch Khim, Vol VII, No 2,
1937, pp 328-329.

US Dept of Commerce
Patent Office
Sci Lib (Gift)

Sci - Chemistry
Mar 1957 CJS/dsc

44,750

Contract Conversion of Cyclohexylacetylene, by R. Ya.
Larvin, A. A. Potapov, 7 pp.

RUSSIAN, per, Zhurk Gosh Zhia, Vol VII, 1937, pp 353-356.

SLA 59-19117

Sci
Am 60
Vol III, No 5

119,071

Rate of Transformation of Ammonium Nitrate from
Alpha-to-Beta-Form, by V. K. Fershtko, A. N. Popov,
9 pp.

RUSSIAN, paper, Zhur Obshchei Khim, Vol VII, 1937,
pp 363-368.

SIA/R-2470

Sci
Apr 59

84,889

Kaplan, S. I., Gristin, N. A., and Skvortsova, A. A.
EQUILIBRIUM IN SOLUTIONS. II. THE BOILING TEM-
PERATURE UNDER ATMOSPHERIC PRESSURE AND
THE COMPOSITION OF THE VAPOR OF BINARY
MIXTURES OF DICHLOROETHANE WITH ETHYLENE
CHLORHYDRIN AND DICHLOROETHANE WITH
ETHYLENE OXIDE. (1964) 10p

Order from K-H \$6.00

K-H-1092

Trans. of Thermal Chemical Kinet. (USSR) 1957, v. 7,
p. 534-544.

Another trans. is available in Dutch from OTS or ETC
\$1.85 as TT-61-17740, MTWL-102, 11p.

(Chemistry-Physical, TT, v. 11, no. 11)

TT-64-12911

- I. Kaplan, S. I.
- II. Gristin, N. A.
- III. Skvortsova, A. A.
- IV. Title: Boiling...
- V. K-H-1092
- VI. Kresge-Looker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Equilibrium in Solution. III. The Solubility and
Vapor Pressure of Solutions of Ethylene Oxide in
Water and in Dichloroethane, by S. I. Kaplan, A. S.
Reformatskaya.

Full translation.

RUSSIAN, per, Zhur. Obshch. Khim., Vol VII, USSR, 1937,
pp 545-549.

ABC Tr 1347

Sci - Chem

Aug 52 CTS

EX

The Effect of Nitrogen Peroxide on Benzene, Toluene, and Chlorobenzene; III. Nitration by Nitrogen Peroxide in the Presence of Aluminum Chloride, Phosphorus Pentachloride and Mercuric Nitrate, by A. I. Titov, 8 pp.

CTB-77-61-18087

RUSSIAN, per, Zhur Obshch Khim, 2 Vol VII, No 3/4, pp 591-594.

CIA/FDD/X-1700

25,157

Scientific - Chemistry

Jul 55 CTB

Tsukervank, I. P. and Vikhrova, G.
CONDENSATION OF ALCOHOLS [WITH AROMATIC
HYDROCARBONS] IN THE PRESENCE OF ALUMINUM
CHLORIDE. III. CONDENSATION OF PRIMARY AL-
COHOLS WITH BENZENE AND TOLUENE. [1961] 4p.
6 refs.

Order from OIS or SLA \$1.10

61-18114

Trans. of Zhurnal Obshchey Khimii (USSR) 1937, v. 7,
p. 632-636.

DESCRIPTORS: Condensation reactions, Alcohols, Hy-
drocarbons, Aluminum compounds, Chlorides, Ben-
zenes, Toluene.

(Unannounced)

61-18114

I. Tsukervank, I. P.
II. Vikhrova, G.
III. Title: Condensation ...

Office of Technical Services

TT-61-16973

Toukervanik, I. P. and Sidorova, N. G.
CONDENSATION OF ALCOHOLS WITH AROMATIC
HYDROCARBONS IN THE PRESENCE OF ALUMINUM
CHLORIDE V. CONDENSATION OF CYCLOHEXANOL
WITH BENZENE AND TOLUENE. 6p refs
Order from OCS, SIA, or ETC \$1.10 TT-61-16973

Trans. of Zhurnal Obshchei Khimii (USSR) 1937, v. 7,
p. 641-645.

I. Toukervanik, I. P.
II. Sidorova, N. G.
III. Title: Condensation ...

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

Nitration of Benzaldehyde and Nitro Derivatives of
Benzene, Toluene, and Chlorobenzene With Nitrogen
Peroxide; Communication IV, by A. I. Titov, 10 pp.

RUSSIAN,

original per, Zhur Obshch Khim, No 3/4, pp 667-672.

DTIC-FF-61-18086

CIA/FDD/X-1701

25,166

Scientific - Chemistry

Jul 55 CTS

Physical and Chemical Properties of Polystyrene,
by H. P. Kozhavin.

RUSSIAN, per, Zh. Prikl. Khim., No 10, 1937,
pp 676-682.

ILL Ref: 5828.4P (M.13066)

Sci/Mat
May 69

381,008

Chemistry of Titanium, VIII, Chlorination of
Titanium Compounds With a Mixture of Chlorine and
Carbon Monoxide, by A. V. Pankilov, M. G. Shikher,
pp.

RUSSIAN, per Zhur Obshch Khim, Vol VII, No 22,
1937, pp 752-756.

Sci Trans Center RT-872

Scientific - Chemistry

CTS/DEX

14,041

Investigations of the Catalytic Nature of Rhenium.
III. Methods of Obtaining Rhenium Catalysts, by
M. S. Platonov, V. I. Tomilov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol VII, 1937,
ID 776-777.

~~SECRET~~ CIA/FID/X-1400

Scientific - Chemistry

ENR CTS/DM

Aug

16,778

Solubility of Ozone in Water and Sulfuric Acid of
Various Concentrations by L. I. Koshutskiy, O.N.
Oleshchuk 4.

RUSSIAN, per, Zhur Obshch Khim, Vol VII. 1937, pp
839-841.

SLA R-2901

Sci

Jul 59

572,600

Catalytic Oxidation of some Aromatic Compounds, by
Yu. S. Zalkind, V. V. Kesarev, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol VII, No 5,
1937, pp 879-881.

Sci Tr Ctr RT-386

Sci Chemistry
Aug 56 CTR/lex

37,546

Orlov, S. M.

STRUCTURE OF THE TRIMER OF 2-BUTENE. [1961]

5p. 8 refs.

Order from OTS, SIA, or ETC \$1.10 TT-61-16601

Trans. of Zhurnal Obshchei Khimii (USSR) 1937, v. 7,
p. 923-927.DESCRIPTORS: *Butenes, Polymerization, *Octenes,
Synthesis (Chemistry), Molecular structure, Molecular
isomerism

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16601

1. Title: 3, 4, 5, 6-Tetra-
methyl-4-octene
2. Title: 3, 4, 5, 6-Tetra-
methyl-2-octene
- I. Orlov, S. M.

Office of Technical Services

Lozovoi, A. V., D'yakova, M. K., and
Stepantseva, T. G.
SOME PHYSICAL CONSTANTS OF HYDROCARBON
MIXTURES. [1961] 8 p. 8 refs.
Order from CTS or HIA \$1.10

61-18135

Trans. of Zhurnal Obshchei Khimii (USSR) 1937,
v. 7, p. 1119-1132

DESCRIPTORS: Hydrocarbons, Mixtures, Physical
properties.

(Unannounced)

61-18135

I. Lozovoi, A. V.
II. D'yakova, M. K.
III. Stepantseva, T. G.

Office of Technical Services

61-10978

Izbekov, V. and Nizhnik, A.
ALUMINUM IODIDE AS A SOLVENT. [1961] [17]p.
31 refs.
Order from CTS or SLA \$1.60

61-10978

Trans. of [Zhurnal Obshchey Khimii] (USSR) 1937,
v. 7 [no. 8] p. 1268-1279.

DESCRIPTORS: Aluminum compounds, Iodides,
Solvent action, Solubility, Conductivity, Temperature,
Fused materials.

I. Izbekov, V.
II. Nizhnik, A.

161654

Office of Technical Services

(Unannounced)

62-14410

Tishchenko, V. E. and Kosternaya, A. F.
THE KANTHATE METHOD OF I. A. CHUGAEV
APPLIED TO DEHYDROXY ALCOHOLS. [1943] 26p.
31 refs.

Order from OTS for SLA \$2.60

62-14410

Trans. of Zhurnal Obshchei Khimii (USSR) 1937, v. 7
[no. 9] p. 1866-1877.

DESCRIPTORS: Hydrocarbons, Synthetis, Alcohols,
Hydroxides, Xanthates, Glycols, Ethylenes, Sodium,
Carbonates.

(Unannounced)

Office of Technical Services

62-14611

Tishchenko, V. E. and Kosternaya, A. F.
APPLICATION OF L. A. CHUGANOV'S XANTHATE
METHOD TO DEHYDRIC ALCOHOLS FOR PREPARA-
TION OF UNSATURATED HYDROCARBONS. [1962]
11p. 31 refs.

Order from OTS or SLA \$1.60

62-14611

Trans. M. Zhurnal Obshchei Khimii (USSR) 1937, v. 7
[no. 9] p. 1366-1377.

DESCRIPTORS: Hydrocarbons, Synthesis, Glycols,
Ethylenes, Xanthates, Alcohols, Esters, Pyrolysis,
Decomposition, Sodium.

(U.S. and USSR)

- I. Tishchenko, V. E.
- II. Kosternaya, A. F.
- III. Chuganov, L. A.

Office of Technical Services

The Oxidation of Phenol by Ozone in Water and
Sulfuric Acid of Different Concentration in the
Presence of Manganese Sulfate, by L. I. Kashtanov,
O.W. Chashchuk, 5 pp.

RUSSIAN, per Zhur Chashch Khim, Vol VII, 1937,
pp 1413-1415.

SLA R-2900

Sci

Jul 59

92, 363

61-18117

Levina, R. Ya. and Zelinskii, N. D.
CONTACT ISOMERIZATION OF OLEFINS. [1961]

7p. 15 refs.

Order from OTS or SLA \$1.10

61-18117

Trans. of Zhurnal Obshchei Khimii (USSR) 1937. v. 7,
p. 1587-1593.

DESCRIPTORS: Ethylenes, Isomeric transitions

I. Levina, R. Ya.
II. Zelinskii, N. D.

(Continued)

Office of Technical Services

Kozlov, V. V.
 ONDERZOEKINGEN OP HET GEBIED DER DIAZOVER-
 BINDINGEN. I. DIE DIAZOTIERING VAN AMINEN MET
 REIN T. VAN GLANCOVERBINDINGEN (Diazotization of amines with
 pure tin compounds). I. Sp. 11 repts. MTW 1: 682.
 (Text in Dutch.)

Order from OCS or DTIC 51,85

61-17367

Trans. of Zingst Chemical Institute (ZSH) 1937.
 1. 1. p. 20, 51, 1044.

DESCRIPTORS: Amines, azo radicals, Tin compounds
 Chemical reactions.

61-17367

I. Kozlov, V. V.
 II. MTW 1: 682
 III. Stichting Meeuws
 Toankelijke Wetenschap-
 pelijke Literatuur

Office of Technical Services

Catalytic Transformations of Heterocyclic
Compounds, by Yu. K. Yur'ev, M. N. Prokina.
RUSSIAN, per, Zhurnal Obshchei Khimii,
Vol VII, 1937, pp 1868-1873.
SLA TT 64-20956

502

Sci
May 67

327, 194

Determination of the Vapour Pressure of Tantalum
and Niobium Chlorides, by N. A. Opykhina,
M. A. Fleisher,

RUSSIAN, per, Zhur. Obshch. Khim., Vol VII,
No 14, 1937, pp 2016-2021.

TPA3/TID
T 4289

Scientific - Chemistry Feb 55 CTE

20,864

Action of Aromatic Diazo Compounds on Unsaturated
Compounds, Part I., by A. P. Terent'ev, 2 pp.

RUSSIAN, Dokl. Zhur Obshch Khim, Vol VII, 1937,
pp 2026-2027.

CIA/RND/X-1323

Scientific - Chemistry
EXT DIS

4094

Action of Aromatic Diazo Compounds on Unsaturated
Compounds, II. A Sensitive Reagent for 1, 3-Butadiene,
by A. P. Terent'ev, E. M. Ivanova, 2 pp.

RUSSIAN, Zhur Chishch Khim, Vol VII, 1937,
pp 2018-2019.

CIA/FID/X-1324

Scientific - Chemistry
DEK

14,084

2
Specific Heat of Molten Sodium Hydroxide, by V. R.
Korotkiy, A. N. Vishnevskiy.

RUSSIAN, per, Zhurnal Obshchei Khimii, Vol VII,
No 16, 1957, pp 2175-2182.

Assoc Tech Svc
Soviet Union
RJ-178

Scientific - Chemistry

17,451

III. ~~From~~ Reduction of Nitro Compounds and Allied
Products in the Presence of Acids, by V. O.
Lukashovich, 43 pp.

RUSSIAN, per: ~~Zhur Obshch Khim~~, Vol VII, No 16,
1937, pp 220-229.

NLL 10.2868
CIA/FDD/L-1627

Scientific - Chemistry Apr 55 CTS

22,930

A Research in the Field of Oxazolines and Thiazolines,
by Sergeyev, Kolychev, Kondrat'yev

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol VII, 1937, #
No 20-21, pp 2600-2604.

Def Sci Info Sv,
DRB Canada, R.100.R.

Scientific-- Chemistry

Jul 53 CTS/DEX

4152

7

Diphenyl Cadmium, by A. N. Nesmeyanov,
G. L. Makarova, 10 pp,

RUSSIAN, per, Zhur Obshch Khim, Vol VII,
No. 20/21, 1937, pp 2649-2653.

Sci Lib No 54/3312
Nat Res Lib TT-474

Scientific - Chemistry

Apr 55 CTS

22,576

Chemistry of Titanium IX. Structure of Titanium
Oxide Precipitates, by A. V. Pam'lov, A. G.
Ivanchova, 10 pp.

1/e.

RUSSIAN: per: Zhur Obshch Khim, Vol VII, No 22, 1937,
pp 2774-2778

Sci Trans Center RT-976

scientific - Chemistry
CTSK/DEK

14,035

Condensation Products of Glycerol With Halo
Acetones and Acetol, by V. V. Evlampiev.
RUSSIAN, per, Zhurnal Obshchei Khimii,
Vol VII, No 24, 1937, pp 2941-2944.
SLA TT 64-20445

May 67 325,054

The Part Played by the Surface in Processes of
Oxidation of Aqueous Solutions of Sulfur Dioxide
with Oxygen and Ozone, by L. I. Kashtanov, O. N.
Glebovskiy, 10 pp.

RUSSIAN, per Zhur Oshchei Khim, Vol VII, 1936,
pp 186-187.

SLA/R-2485

Sci
Apr 59

844,868

Derivatives of 9,10-Dihydrophenphosphazine.
Preliminary Report, by P. G. Sergueev,
D. G. Indrjashov, 18 pp,

RUSSIAN, per, Zhur Obshch Khim, Vol. VIII, No 3,
1938, pp 266-272., CIA D-151312

SLAR-908
NIE

Scientific - Chemistry

May 55 CTS

28,488

Medoka, G. V.
ON THE ACTION OF THE GRIGNARD REAGENT
ON TETRAFLUOROSILICON. II. ABOUT TRIBEN-
ZYLFLUOROMONOSILANE. [1964] (p. 5) (p. 5)
Order from DTS, SLA, or ETC \$1.00 TT-64-10021

Trans. of [Journal] [Mikhail Khmilt (USSR) 1938,
v. 8, p. 212-255.

TT-64-10021

I, Medoka, G. V.
II, Title: About...

(Chemistry - Organic, II, v. 12, no. 2)

Office of Technical Services

The Infrared Absorption Spectra of Gossypol
Derivatives, by A. M. Zamyshlyeva, S. B. Krivich,
11 pp.
RUSSIAN, per, Zhur Obshch Khim, Vol VIII, No 4,
1938, pp 319-329.
OTS 64-11078
PL-480

Sci - Chem
Jan 65

271,050

A Study by the Optical Method of the Behavior of the
Manganese Sulfate Catalyst in Strong Acid Solutions
in the Presence of Oxone, by L. I. Koshtanov,
O. N. Oleshchuk, 7 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol VIII, 1938,
pp 341-345.

SLA R-2930

Sci

Jul 59

92, 342

Chemical of Polymers (polyethylene, polypropylene,
chloride, by G. B. Turova-Polyak, R. B. Lyubimov)

RUSSIAN, 1961, 1962, 1963, Vol. VII, No. 6,
1963, pp. 539-543.

AMS RJ-2100

Chem. - Chem

May 60

11/3/63

Infrared Absorption Spectra of Gossypol Derivatives,
by A. M. Zaryshlyeva, S. S. Krivich.
Zh. Obshch. Khim.
RUSSIAN, per, Gen. Chem (USSR), No 8, 1938,
pp 319-329. (Chem Abs 53035 - 1938)

*PL-480
USDA

Sci -
Jun 63

Experiments on the Cleavage of 2,5-Dimethyl-3-
Hexyne-2,5-Diol, by A. T. Babayan.
RUSSIAN, per, Zh Obshch Khim, Vol 8, No 6, 1938,
pp 578-580.
ATS RJ-5064

Sci-Chem
July 69

385,476

Ovokin, A. S.
COMPLEXES OF MAGNESIUM CHLORIDE WITH
OXYGEN COMPOUNDS. [1961] 3p. 7 refs.
Order from OTS or SLA \$1.10 61-18102

Condensed trans. of Zhurnal Obshchei Khimii (USSR)
1938, v. 8, no. 7, p. 583-587.

DESCRIPTORS: Complex compounds, Magnesium
compounds, Chlorides, Oxygen compounds.

(Unannounced)

61-18102

I. Ovokin, A. S.

Office of Technical Services

Kazanskiĭ, B.A., and Glushnev, N.F.
HYDROGENATION OF AROMATIC HYDROCARBONS
THROUGH REACTION WITH CATALYTIC AMMONIA.
16 p. 15 refs. MWL: 615.
Order from OIS or LTC: 51.15

61-17237

Transl. of Zhurnal Khimicheskoi Fiziki (USSR) 1937,
v. 5, no. 7, p. 642-650.

DESCRIPTORS: *Benzenes, Hydrocarbons,
*Hydrogenation, Catalysts, Ammonia.

61-17237

I. Kazanskiĭ, B.A.
II. Glushnev, N.F.
III. MWL-615
IV. Afdeling Moeilijk
Toegankelijke Wetenschap-
pe lijke Literatuur

Office of Technical Services

42
Oxidation of Sulfur Dioxide by Ozone in the
Presence of Oxygen in Various Concentrations,
by L. I. Kashtanov and V. P. Rykhov, 7 pp.

²
RUSSIAN, per, Zhur Obshch Khim, SSSR, Vol
VIII, 1938, pp 746-750.

SIA R-2419

Sci

AUG 58

72,130

Nikitina, K. A.
COMPOSITION AND PROPERTIES OF SILICOMOLYBDIC
ACID. [1963] 14p (ref. omitted)
Order from OTC, SLA or ETC \$1.60 TT-63-20795

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1938,
v. 8, p. 751-758.

DESCRIPTORS: *Reagents, *Silicon compounds,
*Molybdic acids, Synthesis (Chemistry), Hydrates,
Crystallization, Dehydration, Chemical analysis,
Chemical properties.

(Chemistry--Inorganic, TT, v. 11, no. 3)

TT-63-20795

I. Nikitina, K. A.

Office of Technical Services

6

Partial Displacement of Metals From the
Vapours of their Salts and the Use of
the Process in the Struggle Against
Corrosion, by Izgaryshav.

USSR/11, per, Zhurn. Oshchekhi Khimii,
Vol 9, No 9, 1958, pp 830-835.

W151 4821

Sci/111
Nov 46

Oxy- and Methoxy-Substituted Acridines, by S. M. Sherlin,
G. I. Bazar, A. Ya Yakubovich, E. I. Vorob'eva,
F. E. Rabinovitch.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol VIII, No 10,
USSR, 1938, pp 884-898.

AEC Tr 1382

NEL 17.1.44

Scientific - Chemistry, Oxy-, Methoxy, Acridines

Box 52 CRS/DEK

Nitration with Nitrogen Dioxide, Part 3. Nitration
of Aromatic Hydrocarbons, by P. P. Sherygin, A. V.
Zapchikov, 1933.

RUSSIAN, part, Zhurn. Obshch. Khim., Vol. VIII, No. 11,
1933, pp. 931-935.

Amico Tech Serv RJ626

Sol
Apr 59

84,434

On the Ternary System AlF_3-HF-H_2O , by I. Tanaka,
Upp

RUSSIAN, Zhur Obshch Khim, Vol. VIII, No 12,
1933, pp 1120-1124.

Sci Tr Center
RTP-1590

Scientific - Chemistry

OTS 62-24444

CTB/DEX

18,762

63-18610

Andrianov, K. A.
 INVESTIGATIONS IN THE REALM OF ALKYL- AND
 ARYL-SUBSTITUTED ESTERS OF SILICIC ACID. IV.
 THE MECHANISM OF HYDROLYSIS AND ANHYDRIDE
 FORMATION OF ALKYLTRISTEROXYMONOSILANES
 (Issledovaniya v Oblasti ARAI- i ARI-Zameshchennykh
 Estrov Kresnevoy Silitsy. IV. O Mekhanizme Gidroliza
 i Anhidridizatsii Alkil'-Tristeroksinosilanov). [1963]
 [24p] (Synopsis text included) 6reals
 Order from OTS at SLA \$2.60

63-18610

- I. Title: Alkyltristeroxy
monosilanes
- I. Andrianov, K. A.
- II. Title: Mechanism ...
- III. Title: Mechanism ...

Trans. of Zhurnal Obshchei Khimii (USSR) 1963, v. 33,
 no. 13, p. 1253-1263.

DESCRIPTORS: Silicic acids, Silanes, Alkyl
 radicals, Alkoxy radicals, Hydrolysis, Anhydrides,
 Ester radicals, Esters, Substitution reactions.

(See also 59-20729)

(Chemistry--Organic, TT, v. 10, no. 11)

Office of Technical Services

Plato, Y. M.
PROCEEDINGS OF ORGANIC COMPOUNDS OF TITANIUM
Jan 64, 1654 words
Order from LBA \$16.05

Trans. of Zhurnal Obshchego Khimii (USSR) 1933, v. 8,
no. 14/15, p. 196-199.

DESCRIPTORS: *Titanium compounds, *Organic
compounds

(Chemistry- Organic, "T", v. 11, no. 11)

TT-64-12342

I. Plato, Y. M.
II. Literature Service
Associates, Bount
Brook, N. J.

Office of Technical Services

Nemtsov, M. S., Nizovskii, T. V., and
Soshkin, E. A.

61-32017

INVESTIGATION OF PYROGENETIC HYDROCARBON
CONDENSATION REACTIONS. PART 7. THERMO-
POLYMERIZATION OF N-OCTENE. 25p, 19 refs.
M.W.I.: 399

I. Nemtsov, M. S.
II. Nizovskii, T. V.
III. Soshkin, E. A.
IV. M.W.I.: 399

Order from O/S or ETU SL 93

61-32017

Trans. of Zhurnal Obshchei Khimii (USSR) 1938, v. 8,
no. 14-15, p. 1314-1324.

V. Stichting Moellijk
Tegankelijke Wetenschap-
pe lijke Literatuur

DESCRIPTORS: Hydrocarbons, Polymerization,
Condensation reactions, Octenes, Reaction Kinetics.

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1938, pp 1797-1803.
NLI Ref: 5328.4F (12677)

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I. MECHANISME VAN HET MONOSULFONERINGS-
PROCES (A Study of the Sulfonation Reaction. I. Me-
chanism of the Process of Monosulfonation) tr. by
G. J. M. Fritschy. 11p. 10 refs. MTWL: 125.
(text in Dutch).
Order from CTS or ETC \$1.85 61-17730

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DESCRIPTION: *Sulfonic acids, *Naphthalenes,
Sulfonation, Chemical equilibrium.

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RIDEN (Structure of several polychloro derivatives of
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DESCRIPTORS: *Phenyl radicals, *Chlorine compounds,
Structures.

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 α -Substituted Butyrolactones. II, by V. V.
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 ONDERZOEK OP HET GEBIED VAN ALDEHYDEZU-
 REN EN ALDOENOLACTONEN. II. SYNTHESE VAN
 α -OXY- β -PHENYL- γ -ALDOENOLACTON (3 OXY-
 4 PHENYL FURAN-2 ON) (Aldehyde Acids and Aldoe-
 nol Lactones. II. The Synthesis of α -hydroxy- β -phenyl-
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 Order from OTS or ETC \$1.55

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- I. Shemyakin, M. M.
- II. MTWL: 138
- III. Stichting Moelijk
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DESCRIPTORS: Aldehydes, Acids, *Lactones,
 Synthesis.

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pp 625-627, 1139.

SLA 57-1576

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 SOLUBILITY IN THE SYSTEM $(\text{NH}_4)_2\text{SO}_4 + 2\text{HCl} =$
 $\text{H}_2\text{SO}_4 + 2\text{NH}_4\text{Cl}$ at 25° [1963] 9p, 6 refs.
 Order from CTS or SIA \$1.10 63-18045

I. Blyumberg, Ya. B.
 II. Zdanovskii, A. B.

Trans. of Zhurnal Khimicheskoi Khimii (USSR) 1939, v. 9,
 no. 9, p. 514-518.

DESCRIPTORS: *Phase studies, *Ammonium compounds,
 Sulfates, Chlorides, Hydrochloric acid, *Sulfuric acid,
 Solubility.

If the partial pressure of a gas in the saturation
 field is given, agreement with the phase rule can be
 obtained for it. Apart from the ordinary solid phase
 fields and the field of pressure HCl , the solubility in
 the system $(\text{NH}_4)_2\text{SO}_4 + 2\text{HCl} = \text{H}_2\text{SO}_4 + 2\text{NH}_4\text{Cl}$,
 studied with the aid of a Le Chatelier-Tennesson diagram
 at $t^\circ = 25^\circ$, also has a monovariant field of unsaturated
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Shorygin, N. V. Shorygina, 11 pp.

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SALTS OF ORGANIC ACIDS. [1964] 3p. 3 refs.
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L. Freidlin, L. Kh.
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Scientific - Min/Metals, Chemistry
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Tilicheev, M. D. and Shechtikov, V. K.
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Trans. of Zhurnal Obshchei Khimii (USSR) 1939, v. 9,
no. 12, p. 1089-1093.

DESCRIPTORS: Hydrocarbons, Naphthalenes, Decom-
position, Reaction kinetics, Coke, Production,
Pressure.

(Unannounced)

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I. Tilicheev, M. D.
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ATOMS, REFRACTIVE INDEX AND SPECIFIC
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Order from OTS or SLA \$1.10 62-14613

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DESCRIPTORS: Carbon, Atoms, Refractive index,
Density, Hydrocarbons, Molecular structure.

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DESCRIPTORS: *Chemistry, Literature, Abstracting,
*Ethanes, Chlorides, Magnesium compounds, Bromides,
*Grignard reactions, Aliphatic compounds, Thiols,
*Alkali metals, Organic compounds, *Selenium com-
pounds, Esters, Aldehydes, *Ketones, Organic acids,
*Oxidation-reduction reactions, Solids, *Organic sol-
vents, Halogenes, *Alkenes, *Benzolones, Methyl radi-
cals, Chlorides.

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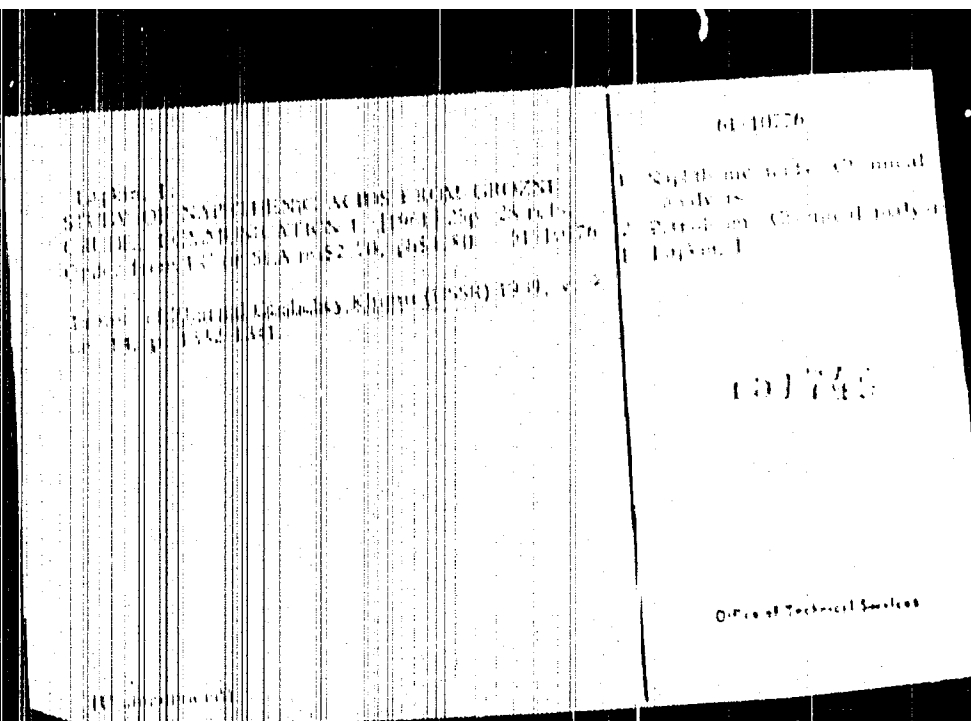
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Disulfide. Ethylene Diisothiocyanate, by
A. Ya. Yakubovich, V. A. Klimov, UNCLASSIFIED

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